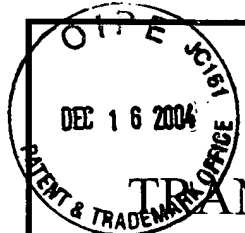


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TRANSMITTAL FORM

Application Serial Number	10/668,833
Filing Date	September 23, 2003
First Named Inventor	Rowan
Group Art Unit	2186
Examiner Name	Not yet assigned
Attorney Docket No.	RVI-001
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] <input type="checkbox"/> Petition for Extension of Time <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement (3 pgs.) <input checked="" type="checkbox"/> Form PTO-1449 (12 pgs.) <input checked="" type="checkbox"/> Copies of Cited References (B1-B9, C1-C32) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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CORRESPONDENCE ADDRESS	SIGNATURE BLOCK
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100	Respectfully submitted, Date: December 8, 2004 Reg. No. 41,059 Tel. No.: (617) 248-7176 Fax No.: (617) 248-7100 Ira V. Heffan Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110



PATENT
Attorney Docket No. RVI-001
(9686/4)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Rowan et al. CONFIRMATION NO.: 4989
SERIAL NO.: 10/668,833 GROUP NO.: 2186
FILING DATE: September 23, 2003 EXAMINER: Not yet assigned
TITLE: SYSTEMS AND METHODS FOR TIME DEPENDENT DATA STORAGE
AND RECOVERY

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the foreign patent documents (B1-B9) and non-patent publications (C1-C32) are enclosed.

Applicants would also like to direct the Examiner's attention to the following related pending patent applications:

Serial No.	Applicant(s)	Filing Date
10/778,436	Rowan et al.	2/13/04
10/780,004	Rowan et al.	2/17/04
10/778,561	Rowan et al.	2/13/04
10/799,428	Rowan et al.	3/12/04
10/924,669	Rowan et al.	8/24/04
10/924,655	Passerini et al.	8/24/04
10/924,656	Passerini	8/24/04

Serial No.	Applicant(s)	Filing Date
10/924,582	Passerini	8/24/04
10/924,560	Perry	8/24/04
10/924,640	Delgado et al.	8/24/04
10/924,559	Darcy	8/24/04
10/924,646	Rowan et al.	8/24/04
10/924,668	Perry et al.	8/24/04
10/924,652	Rowan et al.	8/24/04

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

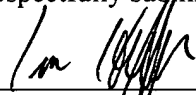
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicants, through the undersigned, hereby state either that
[check the appropriate space only if either (2) or (3) is checked on the previous page and the
Statement is required]:

- ☐ 1. Each item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Supplemental Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Supplemental Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Supplemental Information Disclosure Statement.

Respectfully submitted,



Ira V. Heffah
Attorney for the Applicants
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

Date: December 8, 2004
Reg. No. 41,059

Tel. No.: (617) 248-7176
Fax No.: (617) 248-7100



FORM PTO - 1449

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT

ATTORNEY DOCKET NO.: RVI-001

APPLICANTS: Rowan et al.

SERIAL NO.: 10/668,833

FILING DATE: September 23, 2003

GROUP: 2186

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A38	3,444,528	5/13/69	Lovell et al.			
	A39	3,533,082	10/6/70	Schnabel et al.			
	A40	3,715,729	2/6/73	Mercy			
	A41	4,141,066	2/20/79	Keiles			
	A42	4,156,907	5/29/79	Rawlings et al.			
	A43	4,164,017	8/7/79	Randell et al.			
	A44	4,191,996	3/4/80	Chesley			
	A45	4,351,023	9/21/82	Richer			
	A46	4,378,588	3/29/83	Katzmann et al.			
	A47	4,403,303	9/6/83	Howes et al.			
	A48	4,453,215	6/5/84	Reid			
	A49	4,459,658	7/10/84	Gabbe et al.			
	A50	4,479,214	10/23/84	Ryan			
	A51	4,483,001	11/13/84	Ryan			
	A52	4,484,275	11/20/84	Katzman et al.			
	A53	4,486,826	12/4/84	Wolff et al.			
	A54	4,498,145	2/5/85	Baker et al.			
	A55	4,507,751	3/26/85	Gawlick et al.			
	A56	4,521,847	6/4/85	Ziehlm et al.			
	A57	4,581,701	4/8/86	Hess et al.			
	A58	4,607,365	8/19/86	Greig et al.			
	A59	4,608,688	8/26/86	Hansen et al.			
	A60	4,639,856	1/27/87	Hrustich et al.			

EXAMINER

DATE CONSIDERED

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: RVI-001 APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186			
U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A61	4,648,031	Jenner				
	A62	4,652,940	Sumiyoshi				
	A63	4,654,819	Stiffler et al.				
	A64	4,654,857	Samson et al.				
	A65	4,674,038	Brelsford et al.				
	A66	4,703,421	Abrant et al.				
	A67	4,703,481	Fremont				
	A68	4,713,811	Frey				
	A69	4,727,516	Yoshida et al.				
	A70	4,736,339	Crabbe, Jr.				
	A71	4,750,177	Hendrie et al.				
	A72	4,754,397	Varaiya et al.				
	A73	4,819,154	Stiffler et al.				
	A74	4,878,167	Kapulka et al.				
	A75	4,959,774	Davis				
	A76	5,089,958	Horton et al.				
	A77	5,212,784	Sparks				
	A78	5,241,670	Eastridge et al.				
	A79	5,255,270	Yanai et al.				
	A80	5,269,022	Shinjo et al.				
	A81	5,297,258	Hale et al.				
	A82	5,331,646	Krueger et al.				
	A83	5,339,406	Carney et al.				
	A84	5,357,509	Ohizumi				

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: RVI-001 APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186			
U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A85	5,404,361	4/4/95	Casoro et al.			
	A86	5,404,508	4/4/95	Konrad et al.			
	A87	5,450,546	9/12/95	Krakirian			
	A88	5,469,573	11/21/95	McGill, III et al.			
	A89	5,483,468	1/9/96	Chen et al.			
	A90	5,487,160	1/23/96	Bemis			
	A91	5,524,205	6/4/96	Lomet et al.			
	A92	5,530,846	6/25/96	Strong			
	A93	5,535,188	7/9/96	Dang et al.			
	A94	5,557,770	9/17/96	Bhide et al.			
	A95	5,572,659	11/5/96	Iwasa et al.			
	A96	5,592,648	1/7/97	Schultz et al.			
	A97	5,598,528	1/28/97	Larson et al.			
	A98	5,604,853	2/18/97	Nagashima			
	A99	5,604,862	2/18/97	Midgely et al.			
	A100	5,623,598	4/22/97	Voigt et al.			
	A101	5,634,096	5/27/97	Baylor et al.			
	A102	5,638,509	6/10/97	Dunphy et al.			
	A103	5,640,561	6/17/97	Satoh et al.			
	A104	5,649,152	7/15/97	Ohran et al.			
	A105	5,659,747	8/19/97	Nakajima			
	A106	5,677,952	10/14/97	Blakley, III et al.			
	A107	5,715,438	2/3/98	Silha			
	A108	5,717,849	2/10/98	Brady			

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: RVI-001 APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186			
U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A109	5,724,501	3/3/98	Dewey et al.			
	A110	5,729,719	3/17/98	Gates			
	A111	5,740,397	4/14/98	Levy			
	A112	5,740,433	4/14/98	Carr et al.			
	A113	5,742,792	4/21/98	Yanai et al.			
	A114	5,751,936	5/12/98	Larson et al.			
	A115	5,758,057	5/26/98	Baba et al.			
	A116	5,761,680	6/2/98	Cohen et al.			
	A117	5,777,874	7/7/98	Flood et al.			
	A118	5,778,392	7/7/98	Stockman et al.			
	A119	5,799,141	8/25/98	Galipeau et al.			
	A120	5,802,264	9/1/98	Chen et al.			
	A121	5,809,340	9/15/98	Bertone et al.			
	A122	5,829,045	10/27/98	Motoyama			
	A123	5,829,046	10/27/98	Tzelnic et al.			
	A124	5,835,915	11/10/98	Carr et al.			
	A125	5,835,953	11/10/98	Ohran			
	A126	5,857,208	1/5/99	Ofek			
	A127	5,893,140	4/6/99	Vahalia et al.			
	A128	5,907,685	5/25/99	Douceur			
	A129	5,933,368	8/3/99	Ma et al.			
	A130	5,961,613	10/5/99	DeNicola			
	A131	5,982,886	11/9/99	Itami et al.			
	A132	5,996,088	11/30/99	Frank et al.			
EXAMINER				DATE CONSIDERED			

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: RVI-001 APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186			
U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A133	6,000,020	12/7/99	Chin et al.			
	A134	6,012,145	1/4/00	Mathers et al.			
	A135	6,014,690	1/11/00	Van Doren et al.			
	A136	6,018,746	1/25/00	Hill et al.			
	A137	6,035,306	3/7/00	Lowenthal et al.			
	A138	6,041,420	3/21/00	Skarpelos et al.			
	A139	6,044,444	3/28/00	Ofek			
	A140	6,054,987	4/25/00	Richardson			
	A141	6,061,770	5/9/00	Franklin			
	A142	6,064,247	5/16/00	Krakirian			
	A143	6,078,990	6/20/00	Frazier			
	A144	6,079,000	6/20/00	Cooper et al.			
	A145	6,081,877	6/27/00	Taki			
	A146	6,085,200	7/4/00	Hill et al.			
	A147	6,122,664	9/19/00	Boukobza et al.			
	A148	6,125,404	9/26/00	Vaglica et al.			
	A149	6,131,148	10/10/00	West et al.			
	A150	6,138,243	10/24/00	Mealey et al.			
	A151	6,173,377 B1	1/9/01	Yanai et al.			
	A152	6,205,527 B1	3/20/01	Goshey et al.			
	A153	6,230,282 B1	5/8/01	Zhang			
	A154	6,243,105 B1	6/5/01	Hoyer et al.			
	A155	6,347,365 B1	2/12/02	Leshem et al.			
	A156	6,357,015 B1	3/12/02	Yamakawa et al.			

EXAMINER

DATE CONSIDERED

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: RVI-001 APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186			
U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A157	6,363,487 B1	3/26/02	Schneider			
	A158	6,366,987 B1	4/2/02	Tzelnic et al.			
	A159	6,369,820 B1	4/9/02	Bertram et al.			
	A160	6,374,363 B1	4/16/02	Wu et al.			
	A161	6,381,635 B1	4/30/02	Hoyer et al.			
	A162	6,385,707 B1	5/7/02	Maffezoni			
	A163	6,430,577 B1	8/6/02	Hart			
	A164	6,434,681 B1	8/13/02	Armangau			
	A165	6,434,710 B1	8/13/02	Sato et al.			
	A166	6,446,090 B1	9/3/02	Hart			
	A167	6,477,629 B1	11/5/02	Goshey et al.			
	A168	6,499,034 B1	12/24/02	Mackinlay			
	A169	6,505,248 B1	1/7/03	Casper et al.			
	A170	6,532,535 B1	3/11/03	Maffezoni et al.			
	A171	6,535,967 B1	3/18/03	Milillo et al.			
	A172	6,542,975 B1	4/1/03	Evers et al.			
	A173	6,549,992 B1	4/15/03	Armangau et al.			
	A174	6,553,392 B1	4/22/03	Mosher, Jr. et al.			
	A175	6,557,089 B1	4/29/03	Reed et al.			
	A176	6,560,614 B1	5/6/03	Barboy et al.			
	A177	6,581,185 B1	6/17/03	Hughes			
	A178	6,594,744 B1	7/15/03	Humlicek et al.			
	A179	6,618,794 B1	9/9/03	Sicola et al.			
	A180	6,622,263 B1	9/16/03	Stiffler et al.			

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: RVI-001 APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186			
U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A181	6,643,671 B2	11/4/03	Milillo et al.			
	A182	6,651,075 B1	11/18/03	Kusters et al.			
	A183	6,664,964 B1	12/16/03	Levin-Michael et al.			
	A184	6,665,779 B1	12/16/03	Polfer et al.			
	A185	6,667,743 B2	12/23/03	Bertram et al.			
	A186	6,684,229 B1	1/27/04	Luong et al.			
	A187	6,687,322 B1	2/3/04	Zhang et al.			
	A188	6,691,245 B1	2/10/04	DeKoning			
	A189	6,694,413 B1	2/17/04	Mimatsu et al.			
	A190	6,701,456 B1	3/2/04	Biessener			
	A191	6,704,730 B2	3/9/04	Moulton et al.			
	A192	6,711,572 B2	3/23/04	Zakharov et al.			
	A193	6,711,693 B1	3/23/04	Golden et al.			
	A194	6,732,125 B1	5/4/04	Autrey et al.			
	A195	6,732,171 B2	5/4/04	Hayden			
	A196	6,732,293 B1	5/4/04	Schneider			
	A197	2001/0013100 A1	8/9/01	Doblar et al.			
	A198	2001/0056438 A1	12/27/01	Ito			
	A199	2002/0010872 A1	1/24/02	Van Doren et al.			
	A200	2002/0103982 A1	8/1/02	Ballard et al.			
	A201	2002/0133512 A1	9/19/02	Milillo et al.			
	A202	2002/0144044 A1	10/3/02	Moon et al.			
	A203	2002/0199073 A1	12/26/02	Tamura et al.			
	A204	2003/0006988 A1	1/9/03	Alford, Jr. et al.			

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: RVI-001 APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186			
U.S. PATENT DOCUMENTS							
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A205	2003/0014605 A1	1/16/03	Slater et al.			
	A206	2003/0018657 A1	1/23/03	Monday			
	A207	2003/0028726 A1	2/6/03	Gaertner et al.			
	A208	2003/0051109 A1	3/13/03	Cochran			
	A209	2003/0056136 A1	3/20/03	Aweya et al.			
	A210	2003/0061331 A1	3/27/03	Nakamura et al.			
	A211	2003/0061456 A1	3/27/03	Ofek et al.			
	A212	2003/0088807 A1	5/8/03	Mathiske et al.			
	A213	2003/0126387 A1	7/3/03	Watanabe			
	A214	2003/0140070 A1	7/24/03	Kaczmariski et al.			
	A215	2003/0140209 A1	7/24/03	Testardi			
	A216	2003/0167380 A1	9/4/03	Green et al.			
	A217	2003/0177321 A1	9/18/03	Watanabe			
	A218	2003/0191829 A1	10/9/03	Masters et al.			
	A219	2003/0204700 A1	10/30/03	Biessener et al.			
	A220	2003/0225884 A1	12/4/03	Hayden			
	A221	2004/0030951 A1	2/12/04	Armangau			
	A222	2004/0117572 A1	6/17/04	Welsh et al.			
	A223	2004/0139128 A1	7/15/04	Becker et al.			

EXAMINER	DATE CONSIDERED
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FORM PTO – 1449					ATTORNEY DOCKET NO.: RVI-001				
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT					APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186				
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	WO 91/01026	1/24/91	WO			6/28/90	N	Y
	B2	WO 96/12232	4/25/96	WO			10/10/95	N	Y
	B3	WO 99/12101	3/11/99	WO			9/4/98	N	Y
	B4	WO 00/65447	11/2/00	WO			4/24/00	N	Y
	B5	WO 01/04801 A1	1/18/01	WO			7/10/00	N	Y
	B6	WO 01/33357 A1	5/10/01	WO			10/26/00	N	Y
	B7	WO 03/007148 A1	1/23/03	WO			7/15/02	N	Y
	B8	EP 1 091 229 A2	4/11/01	EP			10/6/00	N	Y
	B9	EP 0 751 462 B1	7/31/02	EP			4/26/96	N	Y
EXAMINER					DATE CONSIDERED				

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: RVI-001 APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C1	Castelletto et al., "DB2 for VSE & VM Archiving and Recovery," IBM VSE/ESA, pp. 1, 3-9, 11-18 (1996).
	C2	Castelletto et al., "DB2 for VSE & VM Archiving and Recovery" [formerly online], (1996) [retrieved on 10/26/04]. Retrieved from the Internet:< URL: http://web.archive.org/web/19990222065151/http://www.s390.ibm.com/vse/vsehtmls/vse8arc.htm >.
	C3	"Commands for Optical Memory Block Devices." in T10, <i>Information Technology – SCSI-3 Block Commands</i> (Nov. 13, 1997) (pp. 72-73).
	C4	Flaviu, C. and Fetzer, C. <i>Probabilistic Internal Clock Synchronization</i> , California (May 1, 2003), pp. 1-33.
	C5	Green, R.J. et al., "Designing a Fast, On-line Backup System for a Log-Structured File System," <i>Digital Technical Journal</i> , vol. 8, No. 2, 1996, pp. 32-45.
	C6	Hultgren, C.D., "Fault-tolerant Personal Computers Safeguard Critical Applications," <i>I&CS Instruments and Control Systems</i> , vol. 65, No. 9, Radnor, PA, US, pp. 23-28 (Sep. 1992).
	C7	International Search Report of PCT/US98/18863; completed Feb. 2, 1999.
	C8	International Search Report of PCT/US00/10999; completed Aug. 25, 2000.
	C9	<i>Proven Technology and Industry Leadership</i> [online], (2004) [retrieved on 8/23/2004]. Retrieved from the Internet:< URL: http://www.mendocinosoft.com/pages.company.html >.
	C10	<i>RealTime – Near-Instant Recovery to Any Point in Time</i> [online], (2004) [retrieved on 8/23/2004]. Retrieved from the Internet:< URL: http://www.mendocinosoft.com/pages.products.htm >.
	C11	Robinson, J.T., Analysis of Steady-State Segment Storage Utilizations in a Log-Structured File System with Least-Utilized Segment Cleaning, IBM Research Division, T.J. Watson Research Center, Oct., 1996, pp. 29-32.
	C12	Rodriguez-Rivera et al., "A Non-Fragmenting Non-Moving, Garbage Collector," from Proceedings of the International Symposium on Memory Management, Vancouver, Canada, Oct. 17-19, 1998, pp. 79-85, especially Figure 3 and pp. 82-83.
	C13	Shread, P. <i>The Big Blackout, a Year Later</i> , [online], (Aug. 13, 2004) [retrieved on 8/23/2004]. Retrieved from the Internet:< URL: http://www.internetnews.com/storage/article.php/3394821 >.
	C14	<i>Time-Slider Technology Blends Recovery Point and Time Objective</i> [online], (2004) [retrieved on 8/23/2004]. Retrieved from the Internet:< URL: http://www.mendocinosoft.com/pages/Time%Slider.htm >.
	C15	Topio, Inc., <i>Business Solutions: Enterprise Backup Consolidation</i> [pdf online], (Nov. 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.topio.com/product/pdf/EBC.pdf >.
	C16	Topio, Inc., <i>Business Solutions: Heterogeneous Disaster Recovery</i> [pdf online], (Nov. 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.topio.com/product/pdf/HDR.pdf >.
EXAMINER		DATE CONSIDERED

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: RVI-001 APPLICANTS: Rowan et al. SERIAL NO.: 10/668,833 FILING DATE: September 23, 2003 GROUP: 2186
OTHER ART, JOURNAL ARTICLES, ETC.		
	C17	Topio, Inc., <i>Business Solutions: Replicated Storage Services</i> [pdf online], (Nov. 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.topio.com/product/pdf/RSS.pdf >.
	C18	Topio, Inc., <i>Enterprise Data Recoverability</i> [pdf online], (Nov. 2003) [retrieved on 8/23/2004]. Retrieved from the Internet:< URL: http://www.topio.com/product/pdf/EDR.pdf >.
	C19	Topio, Inc., <i>Topio Corporate Summary</i> [pdf online], (Nov. 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.topio.com/product/pdf/TCS.pdf >.
	C20	Topio, Inc., <i>Topio Data Protection Suite: Enterprise Data Recoverability</i> [pdf data sheet online], (Nov. 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.topio.com/product/pdf/TDPS.pdf >.
	C21	Topio, Inc., <i>Topio Data Protection Suite: Enterprise Data Recoverability</i> [pdf online], (Nov. 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.topio.com/product/pdf/BWP1.pdf >.
	C22	Topio, Inc., <i>Topio Data Protection Suite: Technical Overview</i> [pdf online], (Nov. 2003) [retrieved on 8/23/2004]. Retrieved from the Internet:< URL: http://www.topio.com/product/pdf/TTO.pdf >.
	C23	<i>Topio™ Delivers New Advances in Continuous Data Protection Solutions for Enterprise Disaster Recovery</i> [online press release], (Apr. 5, 2004) [retrieved on 8/23/2004]. Retrieved from the Internet:< URL: http://www.topio.com/news/pr_04.05.04.html >.
	C24	<i>Topio™ to Demo Continuous Data Protection Solutions at International DB2 Users Group Show</i> , [online press release], (May 10, 2004) [retrieved on 8/23/2004]. Retrieved from the Internet:< URL: http://www.topio.com/news/pr_05.10.04.html >.
	C25	Vyant Technologies, Inc. <i>RealTime™</i> [homepage online], (Sep. 25, 2002) [retrieved on 11/22/04]. Retrieved from the Internet:<URL: http://www.archive.org/web/20020925205451/http://vyanttech.com >.
	C26	Vyant Technologies, Inc. <i>RealTime™</i> [white paper online], (2002) [retrieved on 11/22/04]. Retrieved from the Internet: <URL: http://web.archive.org/web/20030315044353/www.vyanttech.com/assets/documents/realtime_white_paper.pdf >
	C27	Wild File, Inc. <i>User's Guide: GoBack™ by Wild File, Version 2.1</i> . Minnesota. 1998.
	C28	Wild File, Inc. <i>User's Guide Addendum: GoBack™ by Wild File, Version 2.1d</i> . Minnesota. 1999.
	C29	XOSoft, Inc., <i>Company Overview</i> [online], (Jul. 23, 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.xosoft.com/company/index.shtml >.
	C30	XOSoft, Inc., <i>Data Rewinder™ Product Suite</i> [online], (Jul. 23, 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.xosoft.com/products/f_Rewinder.shtml >.
	C31	XOSoft, Inc., <i>WANSync Product Suite</i> [online], (Jul. 23, 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.xosoft.com/products/f_WANSync.shtml >.

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449		ATTORNEY DOCKET NO.: RVI-001
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANTS: Rowan et al.
		SERIAL NO.: 10/668,833
		FILING DATE: September 23, 2003
		GROUP: 2186
	C32	XOsoft, Inc., WANSync ^{HA} Product Suite [online], (Dec. 2003) [retrieved on 8/23/04]. Retrieved from the Internet:< URL: http://www.xosoft.com/products/f_WANSyncHA.shtml >.
EXAMINER		DATE CONSIDERED

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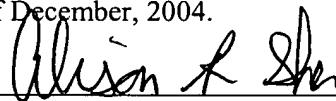
PATENT
Attorney Docket No. RV1-001
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SERIAL NO.: 10/668,833 GROUP NO.: 2186
FILING DATE: September 23, 2003 EXAMINER: Not yet assigned
TITLE: SYSTEMS AND METHODS FOR TIME DEPENDENT DATA
STORAGE AND RECOVERY

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

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1. Transmittal Form (1 pg.);
2. Supplemental Information Disclosure Statement (3 pgs.);
3. Form PTO-1449 (12 pgs.);
4. Copies of Cited References B1-B9 and C1-C32; and
5. Return Receipt Postcard.